

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("4473855" or "6396667").pn.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 10:32
L2	1	"6549365".pn.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 10:34
L3	0	wo-02097803-\$ did.	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 10:34
L4	0	wo-2002097803-\$ did.	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 11:05
L5	110664	Minislider\$1 or microslider\$1 or nanoslider\$1 or picoslider\$1 or slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write)) or (g11b005/60 or g11b021/21 or g11b017/32).ipc.	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 16:11
L6	14423	(g11b005/60 or g11b021/21 or g11b017/32).ipc. and 5	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 11:37
L7	865803	((laminar\$4 or turbulen\$4 or wind or windage or drag\$4 or eddy or eddie\$1 or skin adj friction or vortice\$1 or vortex\$2 or uncontrol\$5 or unsettl\$6 or turbid\$5 or disorder\$5 or chaotic\$5 or chaos\$2 or rough\$4 or disrupt\$7 or agitat\$7 or tumultuous\$3 or vortex\$2 or disturb\$6 or stream\$6 or diffus\$5 or drag\$4 or dam\$1 or plenum\$1) and (air or airflow\$3 or wind or windage or circulat\$5 or fluid\$3 or current\$1 or flow\$3 or airstream\$1)) or (fluid\$2 near2 flow\$3) or (fluid\$2 near2 field\$1) or (flow\$3 near2 field\$1) or (boundary near2 layer\$1) or (flow\$3 near2 vibrat\$5) or airfoil\$1 or (air adj2 foil\$1) or airguid\$5 or (air adj2 guid\$5) or airvane\$1 or (air adj2 vane\$1) or flutter\$3 or spoiler\$1 or airspoil\$3 or (air near2 (drag\$4 or divert\$3 or enhance\$4 or condition\$3)) or (flow near2 divert\$3) or (flow near2 condition\$3))	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 14:26
L8	558	6 and 7	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 11:35

## EAST Search History

L9	1388	(Minislider\$1 or microslider\$1 or nanoslider\$1 or picoslider\$1 or slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write))) near3 (shroud\$3 or cover or deflect\$6)	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 16:58
L10	38	(g11b005/60 or g11b021/21 or g11b017/32).ipc. and 9	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 11:37
L11	9	(Minislider\$1 or microslider\$1 or nanoslider\$1 or picoslider\$1 or slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write))) near7 (shroud\$3 or cover or deflect\$6)	IBM_TDB	ADJ	OFF	2006/11/27 11:42
L12	910	Minislider\$1 or microslider\$1 or nanoslider\$1 or picoslider\$1 or slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write))	IBM_TDB	ADJ	OFF	2006/11/27 11:43
L13	4650	((laminar\$4 or turbulen\$4 or wind or windage or drag\$4 or eddy or eddie\$1 or skin adj friction or vortice\$1 or vortex\$2 or uncontrol\$5 or unsettl\$6 or turbid\$5 or disorder\$5 or chaotic\$5 or chaos\$2 or rough\$4 or disrupt\$7 or agitat\$7 or tumultuous\$3 or vortex\$2 or disturb\$6 or stream\$6 or diffus\$5 or drag\$4 or dam\$1 or plenum\$1) and (air or airflow\$3 or wind or windage or circulat\$5 or fluid\$3 or current\$1 or flow\$3 or airstream\$1)) or (fluid\$2 near2 flow\$3) or (fluid\$2 near2 field\$1) or (flow\$3 near2 field\$1) or (boundary near2 layer\$1) or (flow\$3 near2 vibrat\$5) or airfoil\$1 or (air adj2 foil\$1) or airguid\$5 or (air adj2 guid\$5) or airvane\$1 or (air adj2 vane\$1) or flutter\$3 or spoiler\$1 or airspoil\$3 or (air near2 (drag\$4 or divert\$3 or enhance\$4 or condition\$3)) or (flow near2 divert\$3) or (flow near2 condition\$3))	IBM_TDB	ADJ	OFF	2006/11/27 11:44
L14	103	12 and 13	IBM_TDB	ADJ	OFF	2006/11/27 11:44

## EAST Search History

L15	32	(Minislider\$1 or microslider\$1 or nanoslider\$1 or picoslider\$1 or slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write))) near3 (divert\$5)	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 11:51
L16	9875	yamazaki.in.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 11:52
L17	48637	"360"/\$.ccls.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 11:52
L18	119	16 and 17	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 11:54
L19	0	WO-02097803-.did.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 11:55
L20	21	shimanouchi.in.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 12:08
L21	12	("5920978"   "6278582"   "6359752"   "6574077"   "6611399"   "6621661"   "6639761"   "6671132"   "6735055"   "6744603"   "6754047"   "6853517"). PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/11/27 11:57
L22	40	shimanouchi	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 12:08
L23	1	2003-103716.NRAN.	DERWENT	ADJ	OFF	2006/11/27 12:10
L24	4418719	awning or canop\$3 or canvas\$2 or cap or capped or hat or caparison\$1 or cloak\$3 or cover\$3 or coverlet\$3 or dome\$1 or envelop\$3 or facad\$3 or hood\$3 or roof\$3 or integum\$5 or jacket\$3 or lid\$1 or overlay\$3 or parasol\$3 or screen\$3 or seal\$4 or sheath\$5 or sheet\$1 or shroud or tarp\$7 or tegument\$1 or tent\$1 or umbrella\$3 or veil\$1 or veneer\$5 or wrap\$4 or shield\$3 or aegis or armamen\$5 or armor\$5 or bulwark\$4 or escutch\$5 or guard\$3 or shelter\$3 or enshroud\$4 or encoun\$5	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 16:27
L25	21881	5 and 24	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 14:24
L26	630222	g11b\$.ipc.	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 14:24
L27	3160	25 and 26	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 14:24

## EAST Search History

L28	6513245	laminar\$4 or turbulen\$4 or wind or windage or drag\$4 or eddy or eddie\$1 or skin adj friction or vortice\$1 or vortex\$2 or uncontrol\$5 or unsettl\$6 or turbid\$5 or disorder\$5 or chaotic\$5 or chaos\$2 or rough\$4 or disrupt\$7 or agitat\$7 or tumultuous\$3 or vortex\$2 or disturb\$6 or stream\$6 or diffus\$5 or drag\$4 or dam\$1 or plenum\$1 or air or airflow\$3 or wind or windage or circulat\$5 or fluid\$3 or current\$1 or flow\$3 or airstream\$1 or (fluid\$2 near2 flow\$3) or (fluid\$2 near2 field\$1) or (flow\$3 near2 field\$1) or (boundary near2 layer\$1) or (flow\$3 near2 vibrat\$5) or airfoil\$1 or (air adj2 foil\$1) or airguid\$5 or (air adj2 guid\$5) or airvane\$1 or (air adj2 vane\$1) or flutter\$3 or spoiler\$1 or airspoil\$3 or drag\$4 or divert\$3 or enhance\$4 or condition\$3 or divert\$5	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 16:53
L29	1133	27 and 28	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 14:28
L30	19155	awning or canop\$3 or canvas\$2 or cap or capped or hat or caparison\$1 or cloak\$3 or cover\$3 or coverlet\$3 or dome\$1 or envelop\$3 or facad\$3 or hood\$3 or roof\$3 or integum\$5 or jacket\$3 or lid\$1 or overlay\$3 or parasol\$3 or screen\$3 or seal\$4 or sheath\$5 or sheet\$1 or shroud or tarp\$7 or tegument\$1 or tent\$1 or umbrella\$3 or veil\$1 or veneer\$5 or wrap\$4 or shield\$3 or aegis or armamen\$5 or armor\$5 or bulwark\$4 or escutch\$5 or guard\$3 or shelter\$3 or enshroud\$4 or enscounc\$5	IBM_TDB	ADJ	OFF	2006/11/27 16:11
L31	910	Minislider\$1 or microslider\$1 or nanoslider\$1 or picoslider\$1 or slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write))	IBM_TDB	ADJ	OFF	2006/11/27 16:11
L32	244	30 and 31	IBM_TDB	ADJ	OFF	2006/11/27 16:11

## EAST Search History

L33	18472	(Minislider\$1 or microslider\$1 or nanoslider\$1 or picoslider\$1 or slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write))).ti,ab. or "360/103" or 360/234.3-237.1.cccls. or "g11b005/60" or "g11b021/21" or "g11b017/32" or "g11b05/60" or "g11b21/21" or "g11b17/32" or "g11b5/60"	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:56
L34	825835	(awning or canop\$3 or canvas\$2 or cap or capped or hat or caparison\$1 or cloak\$3 or cover\$3 or coverlet\$3 or dome\$1 or envelop\$3 or facad\$3 or hood\$3 or roof\$3 or integum\$5 or jacket\$3 or lid\$1 or overlay\$3 or parasol\$3 or screen\$3 or seal\$4 or sheath\$5 or sheet\$1 or shroud or tarp\$7 or tegument\$1 or tent\$1 or umbrella\$3 or veil\$1 or veneer\$5 or wrap\$4 or shield\$3 or aegis or armamen\$5 or armor\$5 or bulwark\$4 or escutch\$5 or guard\$3 or shelter\$3 or enshroud\$4 or enscounc\$5).ti,ab.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:58
L35	3291	33 and 34	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:30
L36	48637	"360"/\$.cccls.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:30
L37	518	35 and 36	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:30
L38	439	@ad<="20030818" and 37	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:55
L39	8	("6549365").URPN.	USPAT	ADJ	OFF	2006/11/27 16:35

## EAST Search History

L40	62	("20010050828"   "20020051323"   "2972738"   "3713121"   "3805290"   "4028734"   "4167765"   "4245267"   "4306258"   "4363045"   "4422115"   "4660110"   "4819091"   "4821130"   "4858043"   "4879618"   "5008768"   "5014146"   "5063464"   "5115363"   "5124864"   "5126904"   "5187625"   "5200869"   "5218496"   "5526203"   "5541791"   "5557488"   "5629820"   "5696649"   "5701218"   "5796556"   "5850319"   "5854725"   "5877920"   "5898545"   "5933293"   "5970038"   "5999372"   "6011670"   "6021022"   "6046884"   "6097568"   "6128164"   "6157520"   "6181525"   "6201668"   "6289564"   "6362542"   "6366430"   "6366432"   "6369978"   "6388842"   "6392842"   "6396667"   "6411470"   "6422080"   "6545842"   "6549365"   "6560065"   "6624966").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/11/27 16:37
L41	0	("6804087").URPN.	USPAT	ADJ	OFF	2006/11/27 16:37
L42	62	("20010050828"   "20020051323"   "2972738"   "3713121"   "3805290"   "4028734"   "4167765"   "4245267"   "4306258"   "4363045"   "4422115"   "4660110"   "4819091"   "4821130"   "4858043"   "4879618"   "5008768"   "5014146"   "5063464"   "5115363"   "5124864"   "5126904"   "5187625"   "5200869"   "5218496"   "5526203"   "5541791"   "5557488"   "5629820"   "5696649"   "5701218"   "5796556"   "5850319"   "5854725"   "5877920"   "5898545"   "5933293"   "5970038"   "5999372"   "6011670"   "6021022"   "6046884"   "6097568"   "6128164"   "6157520"   "6181525"   "6201668"   "6289564"   "6362542"   "6366430"   "6366432"   "6369978"   "6388842"   "6392842"   "6396667"   "6411470"   "6422080"   "6545842"   "6549365"   "6560065"   "6624966").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/11/27 16:37
L43	13	("4473855").URPN.	USPAT	ADJ	OFF	2006/11/27 16:47
L44	0	("6710977").URPN.	USPAT	ADJ	OFF	2006/11/27 16:49
L45	0	("6710977").URPN.	USPAT	ADJ	OFF	2006/11/27 16:49
L46	0	("6710977").URPN.	USPAT	ADJ	OFF	2006/11/27 16:49
L47	9	("4175275"   "4189759"   "4473855"   "4821130"   "5136437"   "5854725"   "5898545"   "5999372"   "6091570").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/11/27 16:49

## EAST Search History

L48	4	("3612775"   "4120010"   "4189759"   "4268879").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/11/27 16:51
L49	1239796	(laminar\$4 or turbulen\$4 or wind or windage or drag\$4 or eddy or eddie\$1 or skin adj friction or vortice\$1 or vortex\$2 or uncontrol\$5 or unsettl\$6 or turbid\$5 or disorder\$5 or chaotic\$5 or chaos\$2 or rough\$4 or disrupt\$7 or agitat\$7 or tumultuous\$3 or vortex\$2 or disturb\$6 or stream\$6 or diffus\$5 or drag\$4 or dam\$1 or plenum\$1 or air or airflow\$3 or wind or windage or circulat\$5 or fluid\$3 or current\$1 or flow\$3 or airstream\$1 or (fluid\$2 near2 flow\$3) or (fluid\$2 near2 field\$1) or (flow\$3 near2 field\$1) or (boundary near2 layer\$1) or (flow\$3 near2 vibrat\$5) or airfoil\$1 or (air adj2 foil\$1) or airguid\$5 or (air adj2 guid\$5) or airvane\$1 or (air adj2 vane\$1) or flutter\$3 or spoiler\$1 or airspoil\$3 or drag\$4 or divert\$3 or enhance\$4 or condition\$3 or divert\$5).ti,ab.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:53
L50	6545	33 and 49	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:54
L51	5664	@ad<="20030818" and 50	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:55
L52	1560	36 and 51	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:55
L53	3560	"360/103" or 360/234.3-237.1.ccis. or "g11b005/60" or "g11b021/21" or "g11b017/32" or "g11b05/60" or "g11b21/21" or "g11b17/32" or "g11b5/60"	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:57
L54	1120	52 and 53	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:59
L55	841	(off track\$4 or off adj track\$).ti,ab, clm.	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:57
L56	826604	34 or 55	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:58
L57	0	54 and 56	EPO; JPO; DERWENT	ADJ	OFF	2006/11/27 16:58
L58	105	34 and 54	US-PGPUB; USPAT	ADJ	OFF	2006/11/27 16:59